

Converting Colors

Hex(70372A)

Have a look what the booklet for
Hex(70372A) contains.

Hex(70372A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(70372A)

Conversions

Conversions Part 1

Format	Color
Hex	70372A
RGB	112, 55, 42
RGB Percent	44%, 22%, 16%
CMY	0.5608, 0.7843, 0.8353
CMYK	0.00, 0.51, 0.63, 0.56
HSL	11°, 45%, 30%
HSV	11°, 63%, 44%
XYZ	8.4662, 6.3443, 2.9688
YIQ	70.5610, 38.1450, 8.0410

Conversions

Conversions Part 2

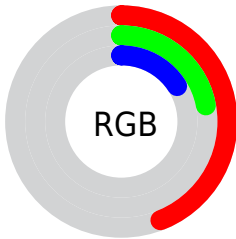
Format	Color
R_{YB}	112, 58, 42
Decimal	7354154
CIE _{Lab}	30.26, 23.88, 19.57
CIE _{LCh}	30, 30.876, 39.335
Yxy	6.3443, 0.4762, 0.3568
Android (android.graphics.Color)	4285544234 (0xFF70372A)
YUV	70.5610, -14.0806, 36.3420
Hunter-Lab	25.1879, 15.9190, 10.6431




Details

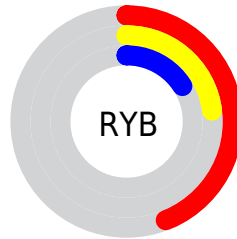
The Hex color **70372A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2A6370**, and the grayscale version is **474747**.




A 20% lighter version of the original color is **A76758**, and **3C0900** is the 20% darker color. If you saturate the color by 10%, you get **702E1F**, and if you desaturate by 10%, it is **704035**.

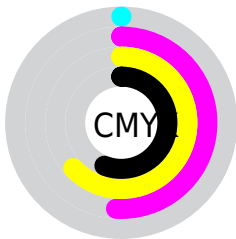
Distribution







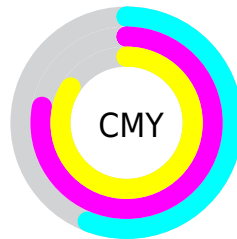
-  Red (44%)
-  Green (22%)
-  Blue (16%)






-  Red (44%)
-  Yellow (23%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (51%)
-  Yellow (63%)
-  Black (56%)



-  Cyan (56%)
-  Magenta (78%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70372A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 70372A by changing the saturation by 10% instead.

 70372A

 70372A

FFFFFF

 552015

 A76758

 3C0900

 C38170

 260001

 E09B8A

 000000

 FEB6A4

 FFD2BF

 FFEEDB

 FFFFF7

 70372A

 70372A

■ 702E1F

■ 704035

■ 702514

■ 704940

■ 701C08

■ 70524C

■ 701500

■ 705B57

■ 706562

■ 706E6D

■ 707778

■ 708084

■ 70898F

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



743241



70372A



624019

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70372A



085235



294777

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



70372A



2A6370

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



004E74



70372A



00534E

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70372A



344E20



005265



533E6D

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70372A



554615



005265



0F4A77

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



70372A



917B76



702A63



4A3C39



C9C9C9



4A4A4A

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70372A



913924



705A2A



383432



781600



F72E00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



2A6370



247D91



2A4070



323738



006278



00C9F7

Previews

White Background



This preview shows how the Hex color 70372A looks on a white background.

Color Contrast Check

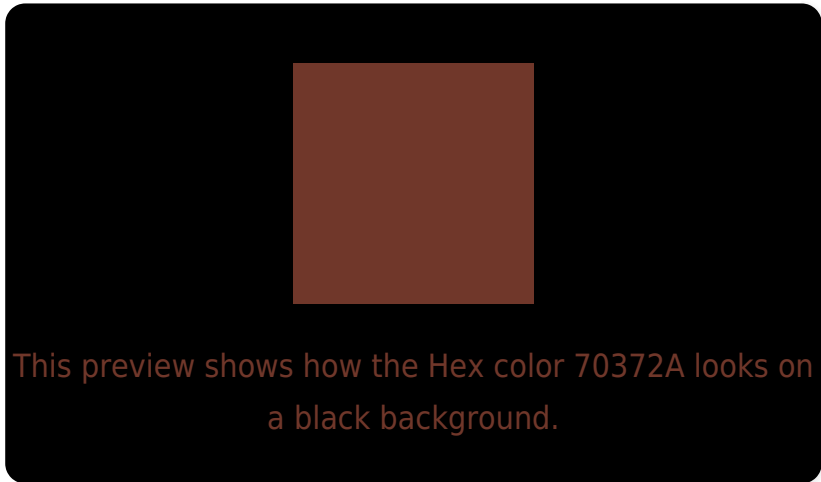
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

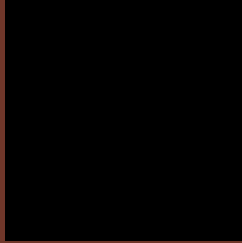
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 70372A Background



This preview shows how black text looks on a background with the Hex color 70372A.

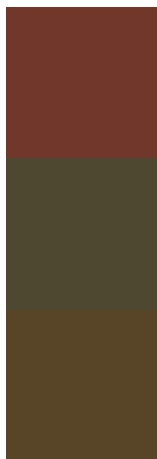


This preview shows how white text looks on a background with the Hex color 70372A.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
70372A

Protanopia
4E4830

Deuteranopia
584527



Tritanopia
713539

Trichromacy



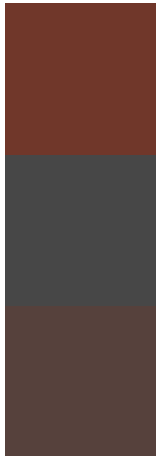
Original Color
70372A

Protanomaly
5A422E

Deuteranomaly
614028

Tritanomaly
713634

Monochromacy



Original Color
70372A

Achromatopsia
474747

Achromatomaly
56413C

CSS Examples

Text

The CSS property to change the color of the text to Hex 70372A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #70372A looks like.

```
.text, #text, p{  
    color:#70372A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #70372A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70372A
}
```

Border

The CSS property to change the border of an element to Hex 70372A is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

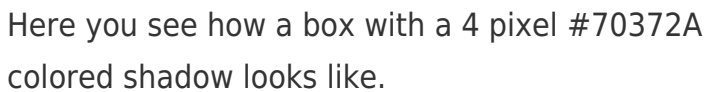
```
.border, #border, table{ border:4px solid
#70372A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#70372A }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #70372A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70372A; -webkit-box-shadow:4px 4px  
4px 4px #70372A; box-shadow:4px 4px 4px  
4px #70372A }
```

Background

The CSS property to change the background color of an element to Hex 70372A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70372A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#70372A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor